

Biography

CHOWEN C. WEY

Army Senior Fellow
Deputy Under Secretary of the Army



Dr. Chowen C. Wey was selected for the Army Senior Fellows Program in 2007. She started her 10-month masters program at Industrial College of the Armed Forces in August 2008. Prior to ICAF, she served a 9-month executive leadership assignment to the Army Material Command where she built coalitions with many Army installations and formed and led an IPT team with members from these organizations to coordinate the technical aspect of putting together a universal installation kit for “plug-and-play” easy operation.

Before assuming her role as an Army Senior Fellow, Dr. Wey served as the Environmental Assessment Specialist and Senior Technical Liaison for National Aeronautic and Space Administration (NASA) Glenn Research Center (GRC). Recognizing the critical, urgent need of aviation particulate emissions data, she organized and led a world renowned research team to establish a database used by government regulatory and research agencies, research communities, and aviation industries to advance the methodology for future regulation. Prior to that assignment, she was the Environmental Impact Manager and Technical Liaison for NASA Lewis Research Center (LeRC). Envisioning a strategic resource plan, she formulated, implemented, and led the effort to establish the core competencies in experimental and modeling of aircraft engine particulate emissions for NASA LeRC. Combined with existing competencies, NASA LeRC became a major player in aviation particulate emissions research.

CAREER CHRONOLOGY:

- October, 2001 – August, 2007: Environmental Assessment Specialist and Senior Technical Liaison for NASA GRC, Army Research Laboratory (ARL) at NASA GRC, Cleveland, Ohio
- March 1998 – September 2001: Environmental Impact Manager and Technical Liaison for NASA LeRC, ARL at NASA LeRC, Cleveland, Ohio
- August 1986 – February 1998: Progressive research and management leadership assignments at NASA LeRC, Cleveland, Ohio

EDUCATION:

- Ph.D. Atmospheric Sciences – Georgia Institute of Technology, Atlanta, Georgia
- M.S. Atmospheric Sciences – Georgia Institute of Technology, Atlanta, Georgia
- B.S. Atmospheric Physics – National Central University, Taiwan

SIGNIFICANT TRAINING

- Continuing education and training with over 1500 hours of course studies in leadership, managerial, and aeronautic science and technology

AWARDS AND HONORS:

- Nobel Peace Prize: Certificate from Intergovernmental Panel on Climate Change (IPCC) as a member of the IPCC Team that was the co-winner, with Mr. Al Gore, of the 2007 Nobel Peace Prize
- Numerous technical and leadership awards including group achievement awards from NASA, Environmental Protection Agency, and Air Force, individual annual performance award every year interspersed with additional achievement awards from ARL, and equal opportunity outreach award from NASA

As of August 2008